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DECLARATION

I, Sadafumi KOBORI, a national of Japan, c/o
Asamura Patent Office of 331-340, New Otemachi Building,
2-1, Otemachi-2-chome, Chiyoda-ku, Tokyo, Japan do hereby
solemnly and sincerely declare:-

- 1) THAT I am well acquainted with the Japanese language
and English language, and
- 2) THAT the attached is a full, true, accurate and
faithful translation into the English language made
by me of Japanese Text of the U.S. Serial No. 09/382,703
filed on August 23, 1999.

The undersigned declares further that all
statements made herein of his own knowledge are true and
that all statements made on information and belief are
believed to be true; and further that these statements were
made with the knowledge that willful false statements and
the like so made are punishable by fine or imprisonment, or
both, under section 1001, of Title 18 of the United States
Code and that such willful false statements may jeopardize
the validity of the application or any patent issuing
thereon.

Signed this 15th day of October , 1999.

S. Kobori

Sadafumi KOBORI
Patent Attorney

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

E4739-0

Copy (2)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"MAGNETIC RECORDING MEDIUM, PROCESS FOR PRODUCING SAME

AND MAGNETIC DISK APPARATUS"

the specification of which (check one) is attached hereto.
 was filed on _____
 as Application Serial No. _____
 and was amended on _____
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | Priority Claimed | | |
|------------------------------|--------------------|---|---|
| 10-249950 (Number) | Japan (Country) | 3 Sep., 1998 (Day/Month/Year Filed) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 11-060373 (Number) | Japan (Country) | 8 March, 1999 (Day/Month/Year Filed) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| _____ (Number) | _____ (Country) | _____ (Day/Month/Year Filed) | <input type="checkbox"/> Yes <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|--------------------------|---------------|--|
| (Application Serial No.) | (Filing Date) | (Status: patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status: patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status: patented, pending, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status: patented, pending, abandoned) |

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As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (that name and registration number)

Edward W. Greason
Reg. No. 18,918

SEND CORRESPONDENCE TO:

Edward W. Greason
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One Broadway
New York, N.Y. 10004

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

宣誓日

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Date _____ Inventor _____

Residence _____ Citizenship _____

Post Office Address _____

Date _____ Inventor _____

Residence _____ Citizenship _____

Post Office Address _____

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ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to "MAGNETIC RECORDING MEDIUM, PROCESS FOR PRODUCING SAME AND MAGNETIC DISK APPARATUS"

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

| | INVENTOR(S) (発明者フルネームサイン) | Date Signed (署名日) | Witnesses (立会人サイン) |
|-----|---|----------------------|------------------------|
| 1) | <u>Toshinori Ono</u> (Toshinori ONO) | August 10, 1999 | <u>Kiyoshi Maehara</u> |
| 2) | <u>Yuuichi Kokaku</u> (Yuuichi KOKAKU) | August 10, 1999 | <u>Kiyoshi Maehara</u> |
| 3) | <u>Yoshinori Honda</u> (Yoshinori HONDA) | August 10, 1999 | <u>Kiyoshi Maehara</u> |
| 4) | <u>Hiroyuki Suzuki</u> (Hiroyuki SUZUKI) | August 10, 1999 | <u>Kiyoshi Maehara</u> |
| 5) | | | |
| 6) | | | |
| 7) | | | |
| 8) | | | |
| 9) | | | |
| 10) | | | |

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